

Product Content Information for DS1991L-F5

RoHS Qualified	Yes	
Package Code	IB+5BW	
Unit Weight in Grams	3.1	
Banned Substances		
Substance	Amount (grams)	% of Unit Weight
Lead	0	
Cadmium	0	
Mercury	0	
Hexavalent Chromium	0	
Polybrominated Biphenyls (PBBs)	0	
Polybrominated diphenylethers (PBDEs)	0	
Asbestos	0	
Azo Compounds	0	
Chlorinated Shortchain Paraffins	0	
Ethylene Glycol Ethers	0	
Halogenated Dioxins & Furans	0	
Organic Tin Compounds	0	
Ozone Depleting Substances	0	
Polychlorinated Biphenyls (PCBs)	0	
Polychlorinated Naphthalenes	0	
Polychlorinated Phenols and Derivatives	0	
Polychlorinated Terphenyls	0	
Reportable Substances		
Substance	Amount (grams)	% of Unit Weight
Acrylonitrile	0	
Aluminum & Compounds	0.0003	0.010
Amines	0	
Aniline	0	
Anthracene	0	
Antimony & Compounds	0	
Arsenic & Compounds	0	
Barium	0	
Beryllium & Compounds	0	
Bismuth & Compounds	0	
Brominated Flame Retardants (Non-Banned)	0	
Chromium & Compounds (Non-Banned)	0.46	14.83
Chlorinated Organic Compounds (Non-Banned)	0	
Copper & Compounds	0.008	0.258
Cyanide & Compounds	0	
Formaldehyde	0	
Gold & Compounds	0.0001	0.003
Iron & Compounds	1.692	54.58
Magnesium	0	
Nickel & Compounds	0.211	6.806
Palladium & Compounds	0	
Phosphorus & Compounds	0.015	0.484
Phthalates	0	
Polyvinyl Chloride (PVC)	0	
Selenium & Compounds	0	
Silver & Compounds	0	
Tellurium & Compounds	0	
Thallium & Compounds	0	
Tin & Compounds (Non-Banned)	0	
Zinc & Compounds	0	

Notes:

1. Refer to product data sheet to confirm actual wire diameter.
2. 'ND' means None Detected, negligible amount present.

This part is qualified as lead-free.

Parts qualified as lead-free can be manufactured and supplied as lead-free, if and only if, the customer makes such requests to the Dallas Semiconductor/Maxim Business Units for approval. The navigation bar on the EMMI website contains information regarding the lead-free process (e.g. MSL's, Peak reflow Temperatures, JEDEC methods, frequently asked questions and answers, lead-free package tables, and status/qualification plans for particular package types qualified as lead-free or in the qualification process).